

INTERNATIONAL SEARCH REPORT

International Application No
PC1/IB2005/001312A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65B65/00 E06B7/23 F16J15/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65B E06B F16J B01L F24F

Documentation searched other than minimum documentation: to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/73608 A (SIEGENIA-FRANK KG; GERSDORF, OLIVER; LOHMANN, CORD; ROTGER STEIGEMANN,) 7 December 2000 (2000-12-07) page 15, line 31 - page 16, line 10; figures 3,5,7	1-3,5
A	DE 36 28 271 A1 (HOERNSCHEMEYER, ALWIN; WOLKE, ERHARD) 25 February 1988 (1988-02-25) column 5, lines 2-14; figure 1	1
A	US 6 195 941 B1 (BUROW KURT ET AL) 6 March 2001 (2001-03-06) abstract; figures 1,4-6	1
A	DE 87 07 840 U1 (DSD DILLINGER STAHLBAU GMBH, 6630 SAARLOUIS, DE) 1 October 1987 (1987-10-01) page 3, paragraphs 1,2; figure 1	1-3,5

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

20 July 2005

Date of mailing of the international search report

28/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31) 70 340 0000 Telex 5111

Authorized officer

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC1/IB2005/001312

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0073608	A	07-12-2000	DE 29909214 U1 19-10-2000
			AT 280300 T 15-11-2004
			AU 3158400 A 18-12-2000
			DE 50008335 D1 25-11-2004
			WO 0073608 A1 07-12-2000
			EP 1181427 A1 27-02-2002
			HU 0200836 A2 29-07-2002
			PL 352071 A1 28-07-2003
			TR 200103458 T2 22-04-2002
DE 3628271	A1	25-02-1988	NONE
US 6195941	B1	06-03-2001	DE 19628747 A1 29-01-1998
			AT 198094 T 15-12-2000
			CA 2236536 A1 29-01-1998
			CZ 9804275 A3 17-11-1999
			DE 59702764 D1 18-01-2001
			WO 9803761 A1 29-01-1998
			EP 0912813 A1 06-05-1999
			ES 2152696 T3 01-02-2001
			HU 9902178 A2 29-11-1999
			JP 2000514516 T 31-10-2000
			PL 329370 A1 29-03-1999
DE 8707840	U1	01-10-1987	NONE